

### **AMENDMENTS TO THE ABSTRACT**

Please substitute the following paragraph(s) for the abstract now appearing in the currently filed specification:

In a packet retransmission system for retransmitting a packet where a sequence number is added between the transmission apparatus and the reception apparatus at a loss of the packet in packet transmission, a transmission apparatus ~~101~~—for transmitting the packet, a reception apparatus ~~102~~—connected to the transmission apparatus ~~101~~—through a network—~~104~~, and a requestor (application) ~~103~~—connected to the reception apparatus ~~102~~—are provided. The transmission apparatus ~~101~~—includes a retransmission buffer for storing the packet having been transmitted to the reception apparatus—~~102~~, retransmission-request receiving means ~~106~~—for identifying the sequence number and the largest sequence number in a retransmission-request packet received from the reception apparatus ~~102~~—and notifying the sequence number and the largest sequence number, retransmission packet detecting means ~~107~~—for detecting a packet to be retransmitted based on the notified sequence number, and retransmission means ~~109~~—for retransmitting the packet to be retransmitted to the reception apparatus—~~102~~. The reception apparatus ~~102~~—includes a reception buffer for storing the packet received from the transmission apparatus—~~101~~, receiving means ~~110~~—for storing the packet received from the transmission apparatus in the reception buffer with sorting the packet in order of the sequence number, packet loss detecting means ~~111~~—for detecting a packet loss, retransmission sequence number adding means ~~112~~—for instructing to add the sequence number of the detected lost packet to a retransmission-request list, retransmission-request list managing means ~~115~~—for adding the sequence number to the retransmission-request list based on the instruction to add, retransmission-request transmitting means ~~114~~—for putting the sequence number stored in the retransmission-request list, in a retransmission-request packet and sending the retransmission-request packet to the transmission apparatus—~~101~~, and packet providing means ~~119~~—for providing the packet in the reception buffer to the requestor—~~103~~.